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Injection device with syringe carrier that engages with a cap

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Abstract of NZ 573171 (A)

An injection device (110) is disclosed which includes a housing, a syringe (114), a drive, a removable cap, and a syringe carrier (150). The housing is adapted to receive the syringe (114), which has a reservoir portion and a discharge nozzle, so that the syringe (114) can move between a retracted position and an extended position. In the retracted position, the discharge nozzle is contained within the housing and in the extended position the discharge nozzle extends from the housing through an exit aperture. The drive acts upon the syringe (114) to advance it from its retracted position to its extended position and to discharge its contents through the discharge nozzle. The removable cap is adapted to be connected to the housing to close the exit aperture. The syringe carrier (150) is for carrying the syringe (114), as it is advanced. The removable cap is adapted to provide a first interface for restricting movement of the syringe carrier (150) in a direction towards the exit aperture by engaging with a second interface on the syringe carrier (150), when the cap is connected to the housing.

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